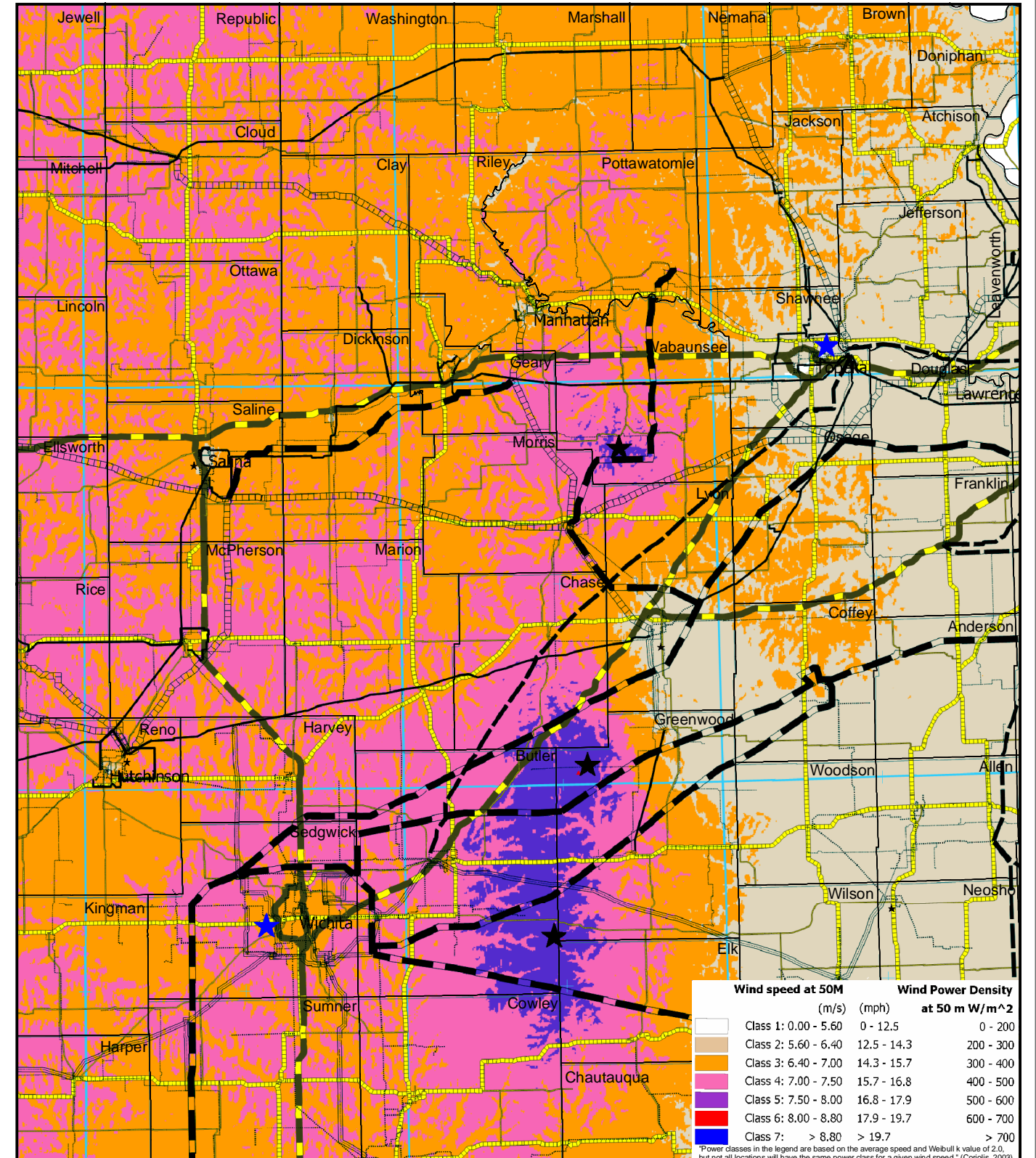
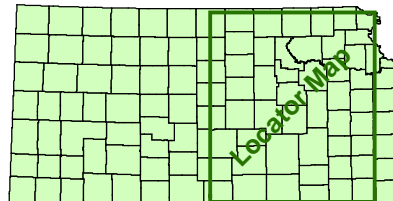
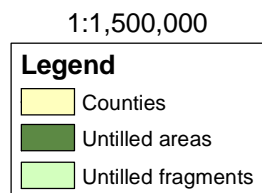


Map compilation by the Kansas Geological Survey (KGS), University of Kansas, December, 2003.

Data sources:  
1. Base map (county boundaries) - TIGER 2000, US Census Bureau  
2. Untilled areas, The Nature Conservancy  
3. Untilled fragments, The Nature Conservancy

"Untilled areas were identified via an interpretation of Landsat Thematic Mapper (TM) satellite imagery. These areas were classified as one of two types: 1) areas with largely intact natural or semi-natural vegetation, and 2) fragmented areas with a concentration of natural community remnants" (The Nature Conservancy, 2003)



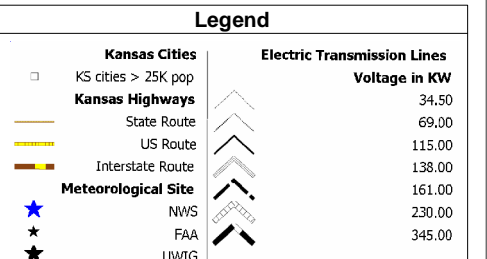
Map compilation by the Kansas Geological Survey (KGS), University of Kansas, December, 2003.

Data sources:  
1. Base map (county boundaries) - TIGER 2000, US Census Bureau  
2. Wind resources - Coriolis, 2003

The map frame shows an excerpt from the "Kansas Wind Resource Map" published by Coriolis and the Kansas Corporation Commission. For more information regarding this data, visit the Coriolis web site at <http://www.coriolis-ae.com/kswindmap>. "The resource estimates have NOT been validated by the National Renewable Energy Laboratory (NREL), or independent meteorologists. All wind energy projects should confirm wind resources by direct measurements in accordance with wind energy industry standards." (Coriolis, 2003)

| Wind speed at 50M |             | Wind Power Density       |
|-------------------|-------------|--------------------------|
|                   | (m/s)       | (mph)                    |
| Class 1:          | 0.00 - 5.60 | 0 - 12.5                 |
| Class 2:          | 5.60 - 6.40 | 12.5 - 14.3              |
| Class 3:          | 6.40 - 7.00 | 14.3 - 15.7              |
| Class 4:          | 7.00 - 7.50 | 15.7 - 16.8              |
| Class 5:          | 7.50 - 8.00 | 16.8 - 17.9              |
| Class 6:          | 8.00 - 8.80 | 17.9 - 19.7              |
| Class 7:          | > 8.80      | > 19.7                   |
|                   |             | at 50 m W/m <sup>2</sup> |
|                   |             | 0 - 200                  |
|                   |             | 200 - 300                |
|                   |             | 300 - 400                |
|                   |             | 400 - 500                |
|                   |             | 500 - 600                |
|                   |             | 600 - 700                |
|                   |             | > 700                    |

\*Power classes in the legend are based on the average speed and Weibull k value of 2.0, but not all locations will have the same power class for a given wind speed." (Coriolis, 2003)



Citation: Coriolis and Kansas Corporation Commission (KCC), 2003, Kansas Wind Resource Map, Coriolis and KCC.